

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
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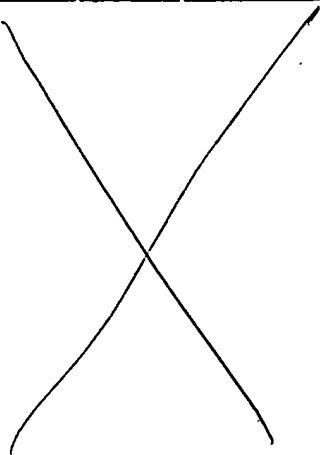
Title of Invention	METHODS AND COMPOSITIONS FOR WHOLE GENOME AMPLIFICATION AND GENOTYPING																																																																						
<div>Application Number: 10/600634</div> <div>Confirmation Number: 7176</div> <div>First Named Applicant: Kevin Gunderson</div> <div>Attorney Docket Number: 01-00003</div> <div>Art Unit: 1632</div> <div>Search string: (5043272 or 5130238 or 5137806 or 5455166 or 5561044 or 5616464 or 5624825 or 5648211 or 5712124 or 5731171 or 5767259 or 5773257 or 5846710 or 5888819 or 5955268 or 5968740 or 6004744 or 6013431 or 6023540 or 6124120 or 6150095 or 6153379 or 6191267 or 6200737 or 6203989 or 6214587 or 6268152 or 6280954 or 6287768 or 6287776 or 6288220 or 6291187 or 6291193 or 6297006 or 6327410 or 6355431 or 6355433 or 6429027 or 6448010 or 6524793 or 6531283 or 6537748 or 6607888 or 6617137 or 20020094525 or 20020102578 or 20020001801 or 20030082590 or 20030087298 or 20030096235 or 20030096986 or 20030118998 or 20030143587 or 20030104431).pn.</div> <div>US Patent Documents</div> <div>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</div> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>ANG</td><td>1</td><td>5043272</td><td>1991-08-27</td><td>Hartley</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>5130238</td><td>1992-07-14</td><td>Malek</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>5137806</td><td>1992-08-11</td><td>LeMaistre</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>5455166</td><td>1995-10-03</td><td>Walker</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>5561044</td><td>1996-10-01</td><td>Walker</td><td></td><td></td><td></td></tr><tr><td></td><td>6</td><td>5616464</td><td>1997-04-01</td><td>Albagli</td><td></td><td></td><td></td></tr><tr><td>↓</td><td>7</td><td>5624825</td><td>1997-04-29</td><td>Walker</td><td></td><td></td><td></td></tr></tbody></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	ANG	1	5043272	1991-08-27	Hartley					2	5130238	1992-07-14	Malek					3	5137806	1992-08-11	LeMaistre					4	5455166	1995-10-03	Walker					5	5561044	1996-10-01	Walker					6	5616464	1997-04-01	Albagli				↓	7	5624825	1997-04-29	Walker			
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	41	6531283	2003-03-11	Kingsmore
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✓	43	6607888	2003-08-19	Schwartz

AMS	44	6617137	2003-09-09	Dean
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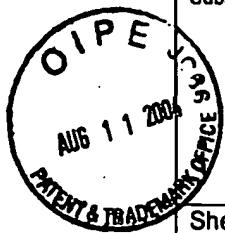
US Published Applications

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init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
AMS	1	20020094525	2002-07-18	McIntosh			
	2	20020102578	2002-08-01	Dickinson			
	3	20020001801	2002-01-03	Fan			
	4	20030082590	2003-05-01	Van Ness			
	5	20030087298	2003-05-08	Green			
	6	20030096235	2003-05-22	Dong			
	7	20030096986	2003-05-22	Mei			
	8	20030118998	2003-06-26	Dean			
	9	20030143587	2003-07-31	Dean			
✓	10	20030104431	2003-06-05	Van Ness			

Signature

Examiner Name	Date
<i>Ar r. M</i>	2/27/2006



Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/600,634
		Filing Date	06/20/03
		First Named Inventor	Gunderson et al.
		Art Unit	1632 / 637
		Examiner Name	To be assigned
Sheet 1 of 2	Attorney Docket Number		01-00003

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number/Kind Code ²	Publication Date (mm-dd-yyyy)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AMB	1	6,703,228	03-09-2004	Landers et al.	
AMB	2	US 2003/138800 A1	07-24-2003	Van Ness et al.	

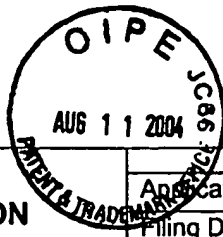
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Examiner Signature	<i>[Signature]</i>	Date Considered	2/27/2006
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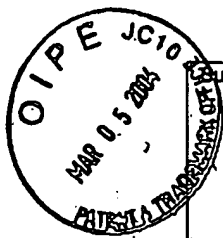
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AMB	3	DONG, S. et al., "Flexible Use of High-Density Oligonucleotide Arrays for Single-Nucleotide Polymorphism Discovery and Validation," Genome Research, 11:1418-1424 (2001).	
AMB	4	SYVANEN, A. C., "Assessing Genetic Variation: Genotyping Single Nucleotide Polymorphisms," Nature Reviews: Genetics, 2:930-942 (2001).	

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AMB	1	WO-95/00669-A1	01/05/1995	Pharmacia Biotech AB; Baylor College of Medicine		
	2	WO-98/40726-A1	09/17/1998	Trustees of Tufts College		
	3	WO-98/50782-A2	11/12/1998	Trustees of Tufts College		
	4	WO-99/23256-A1	05/14/1999	Cold Spring Harbor Laboratory		
	5	WO-00/17390-A1	03/30/2000	Micromet Gesellschaft Fur Biomedizinsche Forschung MBH		
	6	WO-00/61800-A2	10/19/2000	Keygene N.V.		
	7	WO-00/63437-A2	10/26/2000	Illumina, Inc.		
	8	WO-01/83822-A2	11/08/2001	Cold Spring Harbor Laboratory		
	9	WO-02/103054-A1	12/27/2002	Rubicon Genomics, Inc.		
	10	WO-03/008624-A2	01/30/2003	Keck Graduate Institute		
	11	WO-03/033724-A2	04/24/2003	Molecular Staging, Inc.		

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				Application Number	10/600,634	
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				Art Unit	4632 1637	
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AM/3	12	BANER, J. et al., "Signal amplification of padlock probes by rolling circle replication," Nucleic Acids Research, 26:5073-5078 (1998).	
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↓	22	CASAS, E. et al., "Evaluation of Different Amplification Protocols for Use in Primer-Extension Preamplification," Biotechniques, 20:219-225 (1996).	


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AMB	23	CHEUNG, V. et al., "Whole genome amplification using a degenerate oligonucleotide primer allows hundreds of genotypes to be performed on less than one nanogram of genomic DNA," Proceedings of the National Academy of Sciences USA, 93:14676-14679 (1996).	
	24	CUNIN, F. et al., "Biomolecular screening with encoded porous-silicon photonic crystals," Nature Materials, 1:39-41 (2002).	
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AMB	34	LAGE, J. et al., "Whole Genome Analysis of Genetic Alterations in Small DNA Samples Using Hyperbranched Strand Displacement Amplification and Array-CGH," Genome Research, 13:294-307 (2003).	
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	42	PETERSON, D. et al., "Integration of Cot Analysis, DNA Cloning, and High-Throughput Sequencing Facilitates Genome Characterization and Gene Discovery," Genome Research, 12:795-807 (2002).	
	43	PINKEL, D. et al., "High resolution analysis of DNA copy number variation using comparative genomic hybridization to microarrays," Nature Genetics, 20:207-211 (1998).	
	44	POLLACK, J. et al., "Genome-wide analysis of DNA copy-number changes using cDNA microarrays," Nature Genetics, 23:41-46 (1999).	

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Complete if Known		
			Application Number	10/600,634	
			Filing Date	6/20/2003	
			First Named Inventor	Gunderson et al.	
			Art Unit	1632-1437	
			Examiner Name	To be assigned	
Sheet	6	of	6	Attorney Docket Number	01-00003

NON PATENT LITERATURE DOCUMENTS			
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AMZ	56	WALKER, G. T. et al., "Isothermal in vitro amplification of DNA by a restriction enzyme/DNA polymerase system," Proceedings of the National Academy of Sciences USA, 89:392-396 (1992).	
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Examiner Signature	<i>A. N. M.</i>	Date Considered	2/27/2006
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Substitute for form 1449/PTO			Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	10/600,634
			Filing Date	06/20/2003
			First Named Inventor	Gunderson et al.
			Art Unit	1637
			Examiner Name	Fredman, Jeffrey Norman
Sheet 1 of 2	Attorney Docket Number		01-00003	

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Examiner Initials*	Cite No. ¹	Document Number/Kind Code ²	Publication Date (mm-dd-yyyy)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AMB	1	5,503,980	04-02-1996	Cantor	
	2	5,679,524	10-21-1997	Nikiforov et al.	
	3	6,045,994	04-04-2000	Zabeau et al.	
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	7	6,361,947	03-26-2002	Dong et al.	
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			Art Unit	1637	
			Examiner Name	Fredman, Jeffrey Norman	
Sheet	2	of	2	Attorney Docket Number	01-00003

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AMB	12	KINZLER, K. et al., "Whole genome PCR: application to the identification of sequences bound by gene regulatory proteins," Nucleic Acids Research, 17(10):3645-3653 (1989).	
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	16	SYVANEN, A-C., "Detection of point mutations in human genes by the solid-phase minisequencing method," Clinica Chimica Acta, 226:225-236 (1994).	
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